



# Gwinnett Composite Squadron Mission Packet



Sunday, March 15, 2009

A violent tremor from an earthquake in the northeast corner of Kentucky has raised several concerns. Georgia Emergency Management Agency (GEMA) has asked Civil Air Patrol to provide reconnaissance flights over much of the local infrastructure; to include all rivers, bridges, dams, radio towers and detention facilities. The extent of the damage is unknown. Other tasking may present itself later in the day or during your flight.

## Dam Somewhere SE of LZU

### Target Description

Dam approximately 5 miles SSE of the I-20 bridge over Lake Oconee

### Location

Latitude	Longitude	VOR	Frequency	Radial	DME
N33° 21' 00	W83° 09' 27				

### Mission Description

The aircrew should check for the following;

1. Ruptures
2. Obstructions in the flow way
3. Ground conditions where the soil interfaces with the sides of the dam.
4. Take one photo straight over head, showing discharge patterns.
5. Take an oblique photo of the dam from the lake side, so that lake level can be estimated.

### Crew Duties

The duties of the aircrew will be as follows;

Before Airborne: The aircrew should assemble and brief among themselves. The topic of the brief should be safety and the responsibilities and duties of each crewmember. The safe and successful operation of the aircraft and the mission is dependent on the aircrew working together.

Mission Pilot: Fly the mission as planned. Maneuver the aircraft so the Scanner will have sufficient opportunity to evaluate the target area. Once the mission attached to this target has been accomplished, the pilot will either fly direct to the next target, or return to base. If returning to base, the pilot will maintain the lowest possible search altitude as outlined in CAPR-60-1; all navigation equipment will be shut down before committing to a base heading.

Observer: Will assist both the Pilot and Observer, and be responsible for monitoring and making any mandatory FM/CAP Radio calls. Be prepared to report all findings and the estimated condition of the target to Mission Base while airborne.

Scanner: Will be responsible for maintaining a sighting log, providing the information the tasking has asked for, and photographing or sketching the target as outlined above.

## Dam, Shoulderbone Junction

### *Target Description*

Resort type development on a river

### *Location*

<i>Latitude</i>	<i>Longitude</i>	<i>VOR</i>	<i>Frequency</i>	<i>Radial</i>	<i>DME</i>
N33° 20' 20	W83° 04' 43				

### *Mission Description*

Proceed to Shoulderbone Junction. Count the number of vehicles parked in the curved parking area around the buildings. Take one or more oblique pictures of the old mill building, the small stone dam and the adjacent highway bridge.

### *Crew Duties*

The duties of the aircrew will be as follows;

**Before Airborne:** The aircrew should assemble and brief among themselves. The topic of the brief should be safety and the responsibilities and duties of each crewmember. The safe and successful operation of the aircraft and the mission is dependent on the aircrew working together.

**Mission Pilot:** Fly the mission as planned. Maneuver the aircraft so the Scanner will have sufficient opportunity to evaluate the target area. Once the mission attached to this target has been accomplished, the pilot will either fly direct to the next target, or return to base. If returning to base, the pilot will maintain the lowest possible search altitude as outlined in CAPR-60-1; all navigation equipment will be shut down before committing to a base heading.

**Observer:** Will assist both the Pilot and Observer, and be responsible for monitoring and making any mandatory FM/CAP Radio calls. Be prepared to report all findings and the estimated condition of the target to Mission Base while airborne.

**Scanner:** Will be responsible for maintaining a sighting log, providing the information the tasking has asked for, and photographing or sketching the target as outlined above.